INDEX TO VOLUME 80

AUTHORS

Abe, A. S.:
see Monteiro, L. R., 102
Acevedo-Gutiérrez, A.:
Aerial behavior is not a facilitator in bottlenose dolphins hunting in small groups, 768
Adler, G. H.:
see Seamon, J. O., 899
Adler, G. H., S. A. Mangan, and V. Suntsov:
Richness, abundance, and habitat relations of rodents in the Lang Bian Mountains of southern Viet Nam, 891
Aguilera M. M.:
Population ecology of Proechimys guairae (Rodentia: Echimyidae), 487
Amato, G., M. G. Egan, G. B. Schaller, R. H. Baker, H. C. Rosenbaum, W. G. Robichaud, and R. DeSalle:
Rediscovery of Roosevelt's barking deer (Muntiacus rooseveltorum), 639
Andayani, N.:
see Dwiyahreni, A. A., 905
Anderson, S. H.:
see Vargas, A., 263
Arad, Z.:
see Korine, C., 53
Arbogast, B. S.:
Mitochondrial DNA phylogeography of the new world flying squirrels (Glaucomys): implications for Pleistocene biogeography, 142
Arita, H.:
see Ortega, J., 1173
Arita, H. T., and K. Santos-del-Prado:
Conservation biology of nectar-feeding bats in Mexico, 31
Armitage, K. B.:
Evolution of sociality in marmots, 1
Baker, R. H.:
see Amato, G., 639
Baker, R. J.:
see Wright, A. J., 1202
Barclay, R. M. R.:
Bats are not birds—a cautionary note on using echolocation calls to identify bats: a comment, 290
Barnard, J. C.:
see Hanley, T. A., 866
Barnes, B. M.:
see Buck, C. L., 430
see Buck, C. L., 1264
Barquez, R. M.:
see Díaz, M. M., 786
Barrett, R. H.:
see Zielinski, W. J., 961
Begall, S., H. Burda, and M. H. Gallardo:
Reproduction, postnatal development, and growth of social coruros, Spalacopus cyanus (Rodentia: Octodontidae), from Chile, 210
Benedict, R. A.:
Morphological and mitochondrial DNA variation in a hybrid zone between short-tailed shrews (Blarina) in Nebraska, 112
Characteristics of a hybrid zone between two species of short-tailed shrews (Blarina), 135
Bergallo, H. G., and W. E. Magnusson:
Effects of climate and food availability on four rodent species in southeastern Brazil, 472
Berger, J., and M. E. Gompper:
Sex ratios in extant ungulates: products of contemporary predation or past life histories, 1084
Bleich, V. C.:
Mountain sheep and coyotes: patterns of predator evasion in a mountain ungulate, 283
see Pierce, B. M., 986
Bogan, M. A.:
see Valdez, E. W., 545
Boitani, L.:
see Salvatori, V., 980
Bond, M. L., and J. O. Wolff:
Does access to females or competition among males limit male home-range size in a promiscuous rodent?, 1243
Boone, J. L., M. H. Smith, and J. Laerm:
Allozyme variation in the cotton mouse (Peromyscus gossypinus), 833
Boussès, P.:
see Réale, D., 1028
Bowyer, R. T.:
see Massei, G., 633
see Pierce, B. M., 986
see Kie, J. G., 1004
see Leslie, D. M., Jr., 1067
Bowyer, R. T., V. Van Ballenberghe, J. G. Kie, and J. A. K. Maier:
Birth-site selection by Alaskan moose: maternal strategies for coping with a risky environment, 1070
Bozinovic, F.:
see Nespolo, R. F., 742
Bozinovic, F., J. A. Lagos, and P. A. Marquet:
Geographic energetics of the Andean mouse Abrothrix andinus, 205
Bradley, R. D.:
see Mauk, C. L., 499
see Castro-Campillo, A., 1214
Braude, S.:
see Sherman, P. W., 720
Braun, J. K.:
see Díaz, M. M., 786
Brigham, R. M.:
see Kalcounis, M. C., 673
see Hecker, K. R., 1196
Brockmann, K.:
Schutt, W. A., Jr., 71
Brown, J. H.:
The legacy of Robert MacArthur: from geographical ecology to macroecology, 333
Brown, J. S.:
see Morris, D. W., 329
see Kotler, B. P., 361
Brown, J. S., J. W. Laundré, and M. Gurung:
The ecology of fear: optimal foraging, game theory, and trophic interactions, 385

Bruno, T. A.:
see Heideman, P. D., 1232
Buck, C. L., and B. M. Barnes:
Annual cycle of body composition and hibernation in free-living arctic ground squirrels, 430
Temperatures of hibernacula and changes in body composition of arctic ground squirrels over winter, 1264
Burda, H.:
see Begall, S., 210
Burt, M. S., and R. C. Dowler:
Biochemical systematics of Geomys breviceps and two chromosomal races of Geomys attwateri in eastern Texas, 799
Campagna, C., M. A. Fedak, and B. J. McConnell:
Post-breeding distribution and diving behavior of adult male southern elephant seals from Patagonia, 1341
Campanella, A.:
see Salvatori, V., 980
Castro-Campillo, A., H. R. Roberts, D. J. Schmidly, and R. D. Bradley:
Systematic status of Peromyscus boylii ambiguus based on morphologic and molecular data, 1214
Ceballos, G.:
see Vasquez-Dominguez, E., 810
Cervantes, F. A., C. Lorenzo, and O. G. Ward:
Chromosomal relationships among spiny pocket mice, Liomys (Heteromyidae), from Mexico, 823
Chang, C.-H., J.-Y. Lin, L.-K. Lin, and J. Y.-L. Yu:
Annual reproductive patterns of male house shrews, Suncus murinus, in central Taiwan, 845
Cheeseman, C. L.:
see Tuyttens, F. A. M., 950
Choate, J. R.:
see Hoofer, S. R., 91
Choate, J.R.:
see Valdez, E. W., 545
Clark, S. T., and D. K. Odell:
Allometric relationships and sexual dimorphism in captive killer whales (Orcinus orca), 777
Clayton, L., and D. W. Macdonald:
Social organization of the babirusa (Babyrousa babyrussa) and their use of salt licks in Sulawesi, Indonesia, 1147
Clevenger, A. P.:
see Zielinski, W. J., 961
Corben, C.:
see O'Farrell, M. J., 297
Coro, F.:
see Kössl, M., 929
Coulson, G.:
Monospecific and heterospecific grouping and feeding behavior in grey kangaroos and red-necked wallabies, 270
Crête, M.:
see Lefebvre, C., 1163
Cypher, B. L.:
see Warrick, G. D., 972
Dann, S.:
see Millesi, E., 218
Davidson, A. D., R. R. Parmenter, and J. R. Gosz:
Responses of small mammals and vegetation to a reintroduction of Gunnison's prairie dogs, 1311
Dayan, D.:
see Zuri, I., 734
DeSalle, R.:
see Amato, G., 639
Demarais, S.:
see Jorgensen, E. E., 421
Díaz, M. M., R. M. Barquez, J. K. Braun, and M. A. Mares:
A new species of Akodon (Muridae: Sigmodontinae) from northwestern Argentina, 786
Dittami, J. P.:
see Millesi, E., 218
Dowler, R. C.:
see Burt, M. S., 799
Drickamer, L. C., G. A. Feldhamer, D. G. Mikesic, and C. M. Holmes:
Trap-response heterogeneity of house mice (Mus musculus) in outdoor enclosures, 410
Duncan, N. P.:
see Zielinski, W. J., 961
Dwiyahreni, A. A., M. F. Kinnaird, T. G. O'Brien, J. Supriatna, and N. Andayani:
Diet and activity of the bear cuscus, Ailurops ursinus, in North Sulawesi, Indonesia, 905
Egan, M. G.:
see Amato, G., 639
Eifler, M. A., and N. A. Slade:
Effect of weather on individual growth rates in cotton rats, Sigmodon hispidus, 1277
Engstrom, M. D.:
see Wright, A. J., 1202
Epplen, J. T.:
see Keil, A., 1257
Farmer, E. C.:
see Zielinski, W. J., 961
Fedak, M. A.:
see Campagna, C., 1341
Feldhamer, G. A.:
see Drickamer, L. C., 410
Foster, R. W., and A. Kurta:
Roosting ecology of the northern bat (Myotis septentrionalis) and comparisons with the endangered Indiana bat (Myotis sodalis), 659
Fox, B. J.:
see Monamy, V., 232
Fragoso, J. M. V.:
Perception of scale and resource partitioning by peccaries: behavioral causes and ecological implications, 993
Francis, J. M.:
see Ochoa-Acuña, H., 758
Franklin, W. L.:
see Sarno, R. J., 1158
Gaillard, J.-M.:
see Toïgo, C., 1021
Gallardo, M. H.:
see Begall, S., 210
Gannon, W. L.:
see O'Farrell, M. J., 11
see O'Farrell, M. J., 24
see O'Farrell, M. J., 297
Gavin, T. A., P. W. Sherman, E. Yensen, and B. May:
Population genetic structure of the northern Idaho

ground squirrel (Spermophilus brunneus brunneus), 156
Geffen, E.:
see Hefner, R., 611
Giannini, N. P.:
Selection of diet and elevation by sympatric species of Sturnira in an Andean rainforest, 1186
Gillis, E. A., and C. J. Krebs:
Natal dispersal of snowshoe hares during a cyclic population increase, 933
Gompper, M. E.:
see Berger, J., 1084
Gosz, J. R.:
see Davidson, A. D., 1311
Gubista, K. A.:
Small mammals of the Ituri Forest, Zaire: diversity and abundance in ecologically distinct habitats, 252
Guillén, A.:
see Ibáñez, C., 924
Gurung, M.:
see Brown, J. S., 385
Han, S.-H.:
see Suzuki, H., 512
Hanley, T. A., and J. C. Barnard:
Spatial variation in population dynamics of sitka mice in floodplain forests, 866
Harada, M.:
see Suzuki, H., 512
Harris, D., and D. S. Rogers:
Species limits and phylogenetic relationships among populations of Peromyscus furvus, 530
Hawkins, J. E.:
see Wilkins, K. T., 180
Hecker, K. R.:
see Kalcounis, M. C., 673
Hecker, K. R., and R. M. Brigham:
Does moonlight change vertical stratification of activity by forest-dwelling insectivorous bats, 1196
Hefner, R., and E. Geffen:
Group size and home range of the Arabian wolf (Canis lupus) in southern Israel, 611
Heideman, P. D., T. A. Bruno, J. W. Singley, and J. V. Smedley:
Genetic variation in photoperiodism in Peromyscus leucopus: geographic variation in an alternative life-history strategy, 1232
Herrera M., L. G.:
Preferences for different sugars in Neotropical nectarivorous and frugivorous bats, 683
Hoagland, D. B., and C. W. Kilpatrick:
Genetic variation and differentiation among insular populations of the small Indian mongoose (Herpestes javanicus), 169
Hobson, K. A.:
see Kalcounis, M. C., 673
Hoffmann, I. E.:
see Millesi, E., 218
Holmes, C. M.:
see Drickamer, L. C., 410
Hoofer, S. R., J. R. Choate, and N. E. Mandrak:
Mensural discrimination between Reithrodontomys megalotis and R. montanus using cranial characters, 91
Hoogland, J. L.:
Philopatry, dispersal, and social organization of Gunnison's prairie dogs, 243
Hosken, D. J., and P. C. Withers:
Metabolic physiology of euthermic and torpid lesser long-eared bats, Nyctophilus geoffroyi (Chiroptera: Vespertilionidae), 42
Houck, M. A.:
see Mauk, C. L., 499
Hunter, M. L., Jr.:
see McCracken, K. E., 1288
Huot, J.:
see Lefebvre, C., 1163
Ibáñez, C., A. Guillén, J. Juste B., and J. L. Pérez-Jordá:
Echolocation calls of Pteronotus davyi (Chiroptera: Mormoopidae) from Panama, 924
Issac, S. S.:
see Whitaker, J. O., Jr., 60
Iwasa, M.:
see Suzuki, H., 512
Jarvis, J. U. M.:
see Sherman, P. W., 720
Jorgensen, E. E., and S. Demarais:
Spatial scale dependence of rodent habitat use, 421
Joseph, K.:
Schutt, W. A., Jr., 71
Jullien, J.-M.:
see Loison, A., 620
Juste B., J.:
see Ibáñez, C., 924
Kaffe, D.:
see Zuri, I., 734
Kalcounis, M. C., K. A. Hobson, R. M. Brigham, and K. R. Hecker:
Bat activity in the boreal forest: importance of stand type vertical strata, 673
Kartavtseva, I.:
see Suzuki, H., 512
Kays, R. W.:
Food preferences of kinkajous (Potos flavus): a frugivorous carnivore, 589
Keil, A., J. T. Epplen, and N. Sachser:
Reproductive success of males in the promiscuous-mating yellow-toothed cavy (Galea musteloides), 1257
Kie, J. G.:
see Leslie, D. M., Jr., 1067
see Bowyer, R. T., 1070
Optimal foraging and risk of predation: effects on behavior and social structure in ungulates, 1114
Kie, J. G., and R. T. Bowyer:
Sexual segregation in white-tailed deer: density-dependent changes in use of space, habitat selection, and dietary niche, 1004
Kilpatrick, C. W.:
see Hoagland, D. B., 169
Kimura, Y.:
see Suzuki, H., 512
Kinnaird, M. E.:
see Dwiyahreni, A. A., 905
Kirkland, G. L., Jr., and R. S. Ostfeld:
Factors influencng variation among states in the

number of federally listed mammals in the United States, 711
Kitahara, E.:
see Suzuki, H., 512
Korine, C., and Z. Arad:
Changes in milk composition of the Egyptian fruit bat Rousettus aegyptiacus (Pteropodidae), during lactation, 53
Kössl, M., E. Mora, F. Coro, and M. Vater:
Two-toned echolocation calls from Molossus molossus in Cuba, 929
Kotler, B. P.:
see Morris, D. W., 329
Kotler, B. P., and J. S. Brown:
Mechanisms of coexistince of optimal foragers as determinants of local abundances and distributions of desert granivores, 361
Krebs, C. J.:
see Gillis, E. A., 933
Kunz, T. H.:
see Whitaker, J. O., Jr., 60
Kurta, A.:
see Foster, R. W., 659
Laerm, J.:
see Boone, J. L., 833
Lagos, J. A.:
see Bozinovic, F., 205
Lang, B. K.:
see Meserve, P. L., 880
Laundré, J. W.:
see Brown, J. S., 385
Lefebvre, C., M. Crête, J. Huot, R. Patenaude, and C. Price:
Annual variation of body composition, reproductive hormones, and blood constituents of red foxes, 1163
Leslie, D. M., Jr., R. T. Bowyer, and J. G. Kie:
Life-history strategies of ungulates, 1067
Lessa, L. G.:
see Monteiro, L. R., 102
Lewellen, R. H., and S. H. Vessey:
Estimating densities of Peromyscus leucopus using live-trap and nestbox censuses, 400
Lim, B. K.:
see Wright, A. J., 1202
Lin, J.-Y.:
see Chang, C.-H., 845
Lin, L.-K.:
see Chang, C.-H., 845
Linhart, Y. B.:
see Murphy, S. H., 1325
Lochmiller, R. L.:
see Sinclair, J. A., 1331
Loeb, S. C.:
Responses of small mammals to coarse woody debris in a south-eastern pine forest, 460
Loison, A., J.-M. Jullien, and P. Menaut:
Subpopulation structure and dispersal in two populations of chamois, 620
Lorenzo, C.:
see Cervantes, F. A., 823
Macdonald, D. W.:
see Wong, J., 570
see Tuyttens, F. A. M., 950
see Clayton, L., 1147
Magnusson, W. E.:
see Bergallo, H. G., 472
Maier, J. A. K.:
see Bowyer, R. T., 1070
Mandrak, N. E.:
see Hoofer, S. R., 91
Mangan, S. A.:
see Adler, G. H., 891
Mankin, P. C., and R. E. Warner:
Responses of eastern cottontails to intensive row-crop farming, 940
Mares, M. A.:
see Díaz, M. M., 786
Marimuthu, G.:
see Whitaker, J. O., Jr., 60
Marino, L.:
Brain growth in the harbor porpoise and Pacific white-sided dolphin, 1353
Marquet, P. A.:
see Bozinovic, F., 205
Martínez, D. R.:
see Meserve, P. L., 880
Massei, G., and R. T. Bowyer:
Scent marking in fallow deer: effects of lekking behavior on rubbing and wallowing, 633
Mauk, C. L., M. A. Houck, and R. D. Bradley:
Morphometric analysis of seven species of pocket gophers (Geomys), 499
May, B.:
see Gavin, T. A., 156
McConnell, B. J.:
see Campagna, C., 1341
McCracken, K. E., J. W. Witham, and M. L. Hunter, Jr.:
Relationships between seed fall of three tree species and Peromyscus leucopus and Clethrionomys gapperi during 10 years in an oak-pine forest, 1288
McCullough, D. R.:
Density dependence and life-history strategies of ungulates, 1130
Menaut, P.:
see Loison, A., 620
Meserve, P. L.:
see Salvatori, V., 980
Meserve, P. L., D. R. Martínez, J. R. Rau, R. Murúa, B. K. Lang, and A. Muñoz-Pedreros:
Comparative demography and diversity of small mammals in precordilleran temperate rainforests of southern Chile, 880
Michallet, J.:
see Toïgo, C., 1021
Mikesic, D. G.:
see Drickamer, L. C., 410
Miller, B. W.:
see O'Farrell, M. J., 11
see O'Farrell, M. J., 297
Millesi, E., A. M. Strijkstra, I. E. Hoffmann, J. P. Dittami, and S. Daan:
Sex and age difference in mass, morphology, and annual cycle in European ground squirrels, Spermophilus citellus, 218
Monamy, V., and B. J. Fox:
Habitat selection by female Rattus lutreolus

drives asymmetric competition and coexistence with Pseudomys higginsi, 232
Mondol, N.:
Schutt, W. A., Jr., 71
Monteiro, L. R., L. G. Lessa, and A. S. Abe:
Ontogenetic variation in skull shape of Trichomys apereoides (Rodentia: Echimyidae), 102
Mora, E.:
see Kössl, M., 929
Morris, D. W.:
A haunting legacy from isoclines: mammal coexistence and the ghost of competition, 375
Morris, D. W., J. S. Brown, and B. P. Kotler:
The geographical ecology of mammals, 329
Muñoz-Pedreros, A.:
see Meserve, P. L., 880
Muradali, F.:
Schutt, W. A., Jr., 71
Murphy, S. M., and Y. B. Linhart:
Comparative morphology of the gastrointestinal tract of the feeding specialist Sciurus aberti and several generalist congeners, 1325
Muráa, R.:
see Meserve, P. L., 880
Nespolo, R. F., J. C. Opazo, M. Rosenmann, and F. Bozinovic:
Thermal acclimation, maximum metabolic rate, and nonshivering thermogenesis of Phyllotis xanthopygus (Rodentia) in the Andes Mountains, 742
O'Brien, T. G.:
see Dwiyahreni, A. A., 905
O'Donnell, C. F. J., and J. A. Sedgeley:
Use of roosts by the long-tailed bat, Chalinolobus tuberculatus, in temperate rainforest in New Zealand, 913
O'Farrell, M. J., B. W. Miller, and W. L. Gannon:
Qualitative identification of free-flying bats using the anabat detector, 11
O'Farrell, M. J., C. Corben, W. L. Gannon, and B. W. Miller:
Confronting the dogma: a reply, 297
O'Farrell, M. J., and W. L. Gannon:
A comparison of acoustic versus capture techniques for the inventory of bats, 24
Ochoa-Acuña, H., J. M. Francis, and O. T. Oftedal:
Influence of long intersucking interval on composition of milk in the Juan Fernández fur seal, Arctocephalus philippii, 758
Odell, D. K.:
see Clark, S. T., 777
Oftedal, O. T.:
see Ochoa-Acuña, H., 758
Opazo, J. C.:
see Nespolo, R. F., 742
Ortega, J., and H. T. Arita:
Structure and social dynamics of harem groups in Artibeus jamaicensis (Chiroptera: Phyllostomidae), 1173
Ostfeld, R. S.:
see Kirkland, G. L., Jr., 711
Pardini, R., and E. Trajano:
Use of shelters by the Neotropical river otter (Lontra longicaudis) in an Atlantic Forest stream, southeastern Brazil, 600
Parmenter, R. R.:
see Davidson, A. D., 1311
Patenaude, R.:
see Lefebvre, C., 1163
Patterson, B. D.:
Contingency and determinism in mammalian biogeography: the role of history, 345
Pérez-Jordá, J. L.:
see Ibáñez, C., 924
Perri, L. M., and J. A. Randall:
Behavioral mechanisms of coexistence in sympatric species of desert rodents, Dipodomys ordii and D. merriami, 1297
Pierce, B. M., V. C. Bleich, J. D. Wehausen, and R. T. Bowyer:
Migratory patterns of mountain lions: implications for social regulation and conservation, 986
Piñero, D.:
see Vázquez-Domínguez, E., 810
Price, C.:
see Lefebvre, C., 1163
Randa, L. A.:
see Yunger, J. A., 1336
Randall, J. A.:
see Perri, L. M., 1297
Rau, J. R.:
see Meserve, P. L., 880
Razeem-Mazlan, A.:
see Vidyadaran, M. K., 199
Réale, D., and P. Boussès:
Effects of summer and winter birth on growth of lambs in a population of feral sheep, 1028
Rexstad, E. A.:
see Zuercher, G. L., 443
Roberts, H. R.:
see Castro-Campillo, A., 1214
Roberts, J. C.:
see Wilkins, K. T., 180
Robichaud, W. G.:
see Amato, G., 639
Roby, D. D.:
see Zuercher, G. L., 443
Rogers, D. S.:
see Harris, D., 530
Roorda, C. S.:
see Wilkins, K. T., 180
Rosenbaum, H. C.:
see Amato, G., 639
Rosenmann, M.:
see Nespolo, R. F., 742
Sachser, N.:
see Keil, A., 1257
Sakaizumi, M.:
see Suzuki, H., 512
Salvatori, V., G. Vaglio-Laurin, P. L. Meserve, L. Boitani, and A. Campanella:
Spatial organization, activity, and social interactions of culpeo foxes (Pseudalopex culpaeus) in north-central Chile, 980
Santos-del-Prado, K.:
see Arita, H. T., 31
Sarno, R. J., and W. L. Franklin:
Population density and annual variation in birth mass of guanacos in southern Chile, 1158

Schaller, G. B.:
see Amato, G., 639
Schmid, J.:
Sex-specific differences in activity patterns and fattening in the gray mouse lemur (Microcebus murinus) in Madagascar, 749
Schmidly, D. J.:
see Castro-Campillo, A., 1214
Schmidt, C. A.:
Variation and congruence of microsatellite markers for Peromyscus leucopus, 522
Schutt, W. A., Jr., F. Muradali, N. Mondol, K. Joseph, and K. Brockmann:
Behavior and maintenance of captive white-winged vampire bats, Diaemus youngi, 71
Scotton, B. D.:
see Testa, J. W., 82
Seamon, J. O., and G. H. Adler:
Short-term use of space by a neotropical forest rodent, Proechimys semispinosus, 899
Sedgeley, J. A.:
see O'Donnell, C. F. J., 913
Sharma, R. S. K.:
see Vidyadaran, M. K., 199
Sherman, P. W.:
see Gavin, T. A., 156
Sherman, P. W., S. Braude, and J. U. M. Jarvis:
Litter sizes and mammary numbers of naked mole-rats: breaking the one-half rule, 720
Sinclair, J. A., and R. L. Lochmiller:
Resistence to a pathogenic challenge lacks seasonal specificity in prairie voles (Microtus ochrogaster) and cotton rats (Sigmodon hispidus), 1331
Singley, J. W.:
see Heideman, P. D., 1232
Slade, N. A.:
see Eifler, M. A., 1277
Smedley, J. V.:
see Heideman, P. D., 1232
Smith, M. H.:
see Boone, J. L., 833
Stevens, R. D., and M. R. Willig:
Size assortment in New World bat communtities, 644
Stewart, P. D.:
Wong, J., 570
Storz, J. F.:
Genetic consequences of mammalian social structure, 553
Strijkstra, A. M.:
see Millesi, E., 218
Sumita, S.:
see Vidyadaran, M. K., 199
Suntsov, V.:
see Adler, G. H., 891
Supriatna, J.:
see Dwiyahreni, A. A., 905
Surov, A. V.:
see Wynne-Edwards, K. E., 855
Suzuki, H., M. Iwasa, M. Harada, S. Wakana, M. Sakaizumi, S.-H. Han, E. Kitahara, Y. Kimura, I. Kartavtseva, and K. Tsuchiya:
Molecular phylogeny of red-backed voles in Far East Asia based on variation in ribosomal and mitochondrial DNA, 512
Swait, E.:
see Tuyttens, F. A. M., 950
Telitzina, A. Y.:
see Wynne-Edwards, K. E., 855
Terkel, J.:
see Zuri, I., 734
Terman, C. R., and J. R. Terman:
Early summer reproductive hiatus in wild adult white-footed mice, 1251
Terman, J. R.:
see Terman, C. R., 1251
Testa, J. W., and B. D. Scotton:
Dynamics of an isolated population of Weddell seals (Leptonycteris weddellii) at White Island, Antartica, 82
Toïgo, C., J.-M. Gaillard, and J. Michallet:
Cohort affects growth of males but not females in alpine ibex (Capra ibex ibex), 1021
Trajano, E.:
see Pardini, R., 600
Truex, R. L.:
see Zielinski, W. J., 961
Tsuchiya, K.:
see Suzuki, H., 512
Tuyttens, F. A. M., D. W. Macdonald, E. Swait, and C. L. Cheeseman:
Estimating population size of Eurasian badgers (Meles meles) using mark-recapture and mark-resight data, 950
Vaglio-Laurin, G.:
see Salvatori, V., 980
Valdez, E. W., J. R. Choate, M. A. Bogan, and T. L. Yates:
Taxonomic status of Myotis occultus, 545
Van Ballenberghe, V.:
see Bowyer, R. T., 1070
Van Den Bussche, R. A.:
see Wright, A. J., 1202
Vargas, A., and S. H. Anderson:
Effects of experience and cage enrichment on predatory skills of black footed ferrets (Mustela nigripes), 263
Vater, M.:
see Kössl, M., 929
Vázquez-Domínguez, E., D. Piñero, and G. Ceballos:
Linking heterozygosity, demography, and fitness of tropical populations of Liomys pictus, 810
Vessey, S. H.:
see Lewellen, R. H., 400
Vidyadaran, M. K., R. S. K. Sharma, S. Sumita, I. Zulkifli, and A. Razeem-Mazlan:
Male genital organs and accessory glands of the lesser mouse deer, Tragulus javanicus, 199
Wakana, S.:
see Suzuki, H., 512
Ward, O. G.:
see Cervantes, F. A., 823
Warner, R. E.:
see Mankin, P. C., 940
Warrick, G. D., and B. L. Cypher:
Variation in body mass of San Joaquin kit foxes, 972
Wehausen, J. D.:

see Pierce, B. M., 986
Whitaker, J. O., Jr., S. S. Issac, G. Marimuthu, and T. H. Kunz:
Seasonal variation in the diet of the Indian pygmy bat Pipistrellus mimus, in southern India, 60
Wilkins, K. T., J. C. Roberts, C. S. Roorda, and J. E. Hawkins:
Morphometrics and functional morphology of middle ears of extant pocket gophers (Rodentia: Geomyidae), 180
Willig, M. R.:
see Stevens, R. D., 644
Witham, J. W.:
see McCracken, K. E., 1288
Withers, P. C.:
see Hosken, D. J., 42
Wolff, J. R.:
see Bond, M. L., 1243
Wong, J., P. D. Stewart, and D. W. Macdonald:
Vocal repertoire in the European badger (Meles meles): structure, context, and function, 570
Wright, A. J., R. A. Van Den Bussche, B. K. Lim, M. D. Engstrom, and R. J. Baker:
Systematics of the genera Carollia and Rhinophylla based on the cytochrome-b gene, 1202
Wynne-Edwards, K. E., A. V. Surov, and A. Y. Telitzina:
Differences in endogenous activity within the genus Phodopus, 855
Yates, T. L.:
see Valdez, E. W., 545
Yensen, E.:
see Gavin, T. A., 156
Yu., J. L.-Y.:
see Chang, C.-H., 845
Yunger, J. A., and L. A. Randa:
Trap decontamination using hypochlorite: effects on trappability of small mammals, 1336
Zielinski, W. J., N. P. Duncan, E. C. Farmer, R. L. Truex, A. P. Clevenger, and R. H. Barrett:
Diet of fishers (Martes pennanti) at the southernmost extent of their range, 961
Zuercher, G. L., D. D. Roby, and E. A. Rexstad:
Seasonal changes in body mass, composition, and organs of northern red-backed voles in interior Alaska, 443
Zulkifli, I.:
see Vidyadaran, M. K., 199
Zuri, I., I. Kaffe, D. Dayan, and J. Terkel:
Incisor adaptation to fossorial life in the blind mole-rat, Spalax ehrenbergi, 734

Subjects

(New names in *italic* type)

Abrothrix:
andinus, 205
longipilis, 880
sanborni, 880
Acinonyx jubatus, 1085
Activity:
Ailurops ursinus, 905
Chiroptera (10 spp), 1196
Microcebus murinus, 749
Phodopus campbelli, 855
Phodopus sungorus, 855
Pseudalopex culpaeus, 980
Aepyceros melampus, 1091
Ailuropoda melanoleuca, 1325
Ailurops ursinus, 905
Akodon:
aerosus, 356
aliquantulus, 788
alterus, 787
boliviensis, 356, 795
caenosus, 787
cursor, 472
mimus, 356
olivaceus, 880
puer, 786
spegazzinii, 786
torques, 356
tucumanensis, 795
Alaska:
Alces alces, 1070
Clethrionomys rutilus, 443
Glaucomys sabrinus, 146
Peromyscus keeni, 867
Spermophilus parryii, 430, 1264
Alberta:
Clethrionomys gapperi, 378
Glaucomys sabrinus, 146
Peromyscus maniculatus, 378
Alcelaphus buselaphus, 1091
Alces alces, 1006, 1033, 1067, 1070, 1091, 1114
Allometry:
Orcinus orca, 777
Alopex lagopus, 976, 1164
Alouatta, 908
palliata, 590
seniculus, 559
Anatomy:
Tragulus javanicus, 199
Anoura geoffroyi, 33, 683
Antarctica:
Leptonychotes weddellii, 82
Antechinus swainsonii, 1084
Antidorcas marsupialis, 1097
Antilocapra americana, 1017, 1094, 1118, 1161, 1312
Antilope cervicapra, 1102
Antrozous pallidus, 26
Aotus trivirgatus, 590
Arctocephalus:
australis, 763
galapagoensis, 762
gazella, 763
philippii, 758
Argentina:
Akodon *aliquantulus*, 788
Mirounga leonina, 1341
Sturnira erythromos, 1186
Sturnira lilium, 1186
Arizona:

Chiroptera (20 spp), 25
Cynomys gunnisoni, 243
Dipodomys merriami, 1299
Dipodomys ordii, 1299
Artibeus:
jamaicensis, 683, 1173, 1203
lituratus, 1182
Arvicola terrestris, 1244
Ateles geoffroyi, 589, 909
Auliscomys, 356
Australia:
Macropus fuliginosus, 270
Macropus giganteus, 270
Macropus rufogriseus, 270
Nyctophilus geoffroyi, 42
Pseudomys higginsi, 232
Rattus lutreolus, 232
Austria:
Spermophilus citellus, 219
Axis:
axis, 1091
porcinus, 1091
Babyrousa babyrussa, 1147
Baiomys taylori, 350
Balaenoptera physalus, 782
Bassaricyon gabbii, 590
Behavior:
Alces alces, 1070
Artibeus jamaicensis, 1173
Artiodactyla (6 spp), 1114
Babyrousa babyrussa, 1147
Canis latrans, 283
Chalinolobus tuberculatus, 913
Dama dama, 633
Desmodus rotundus, 71
Diaemus youngi, 71
Dipodomys merriami, 1297
Dipodomys ordii, 1297
Macropus fuliginosus, 270
Macropus giganteus, 270
Macropus rufogriseus, 270
Mirounga leonina, 1341
Myotis septentrionalis, 659
Myotis sodalis, 659
Odocoileus hemionus, 283
Ovis canadensis, 283
Potos flavus, 590
Puma concolor, 986
Tursiops truncatus, 768
Vespertilionidae (5 spp), 674
Berylmys bowersii, 895
Biodiversity, 329
Biogeography, 345
Gerbillus allenbyi, 361
Gerbillus dasyurus, 361
Glaucomys sabrinus, 142
Glaucomys volans, 142
Bison bison, 1017, 1091, 1118, 1133, 1312
Blarina:
brevicauda, 112, 135, 1336
carolinensis, 460
hylophaga, 112, 135
Blastocerus:
campestris, 1105
dichotomus, 1104
Body mass:
Clethrionomys rutilus, 443
Ovis aries, 1028
Sigmodon hispidus, 1277
Spermophilus citellus, 219
Vulpes macrotis, 972
Vulpes vulpes, 1163
Bos:
bison (see Bison),
gaurus, 1091
taurus, 1103, 1115
Boselaphus tragocamelus, 1109
Bradypus griseus, 909
Brazil:
Lontra longicaudis, 600
Sigmodontinae (3 spp), 472
Tayassu pecari, 993
Tayassu tajacu, 993
Thrichomys apereoides, 104
Trinomys iheringi, 472
Breeding:
Mustela nigripes, 252
Spalacopus cyanus, 210
Suncus murinus, 845
British Columbia:
Chiroptera (10 spp), 1196
Glaucomys sabrinus, 146
Bubalus:
bubalus, 1112
depressicornis, 1148
Burrows:
Spermophilus parryii, 1264
Bylaws and rules of the ASM revised June 1999, 1400
California:
Chiroptera (20 spp), 25
Glaucomys sabrinus, 146
Martes pennanti, 961
Puma concolor, 986
Vulpes macrotis, 972
Callorhinus ursinus, 763
Callosciurus erythraeus, 894
Calomys:
lepidus, 356
sorellus, 356
Canis:
latrans, 283, 940, 976, 1015, 1164
lupus, 611, 726, 976, 1071, 1087, 1257
Capra:
aegagrus, 1084
falconeri, 1091
ibex, 1018, 1021, 1108
Capreolus capreolus, 1033, 1105
Capricornis crispus, 1111
Caribbean Islands:
Herpestes javanicus, 170
Carollia:
brevicauda, 1202
castanea, 1202
perspicillata, 1174, 1202
subrufa, 1202
Castor canadensis, 867
Catagonus wagneri, 1110, 1153
Cavia:
cobaya, 739
porcellus, 729, 852

Cebus capucinus, 590
Census:
  Peromyscus leucopus, 400
Ceratotherium simum, 1111
Cercopithecus aethiops, 558
Cervus:
  duvaucelii, 1091
  elaphus, 940, 986, 1005, 1033, 1087, 1118, 1133, 1160
  eldii, 640
  nippon, 1105
  unicolor, 892, 1091
Chaetodipus:
  intermedius, 425
  penicillatus, 425
Chalinolobus tuberculatus, 913
Chelemys macronyx, 881
Chiapas:
  Peromyscus zarhynchus, 531
Chile:
  Abrothrix andinus, 205
  Arctocephalus philippii, 758
  Lama guanicoe, 1158
  Pseudalopex culpaeus, 980
  Pyllotis xanthopygus, 742
  Small mammals (9 spp), 880
  Spalacopus cyanus, 210
Chinchilla sahamae, 356
Chiroderma villosum, 1203
Chiropodomys gliroides, 895
Chiroptera, 290, 297
Choeroniscus godmani, 33
Choeronycteris mexicana, 33
Choloepus hoffmanni, 909
Chrocomys jelskii, 356
Chromosomes:
  Geomys attwateri, 799
  Geomys breviceps, 799
  Liomys (3 spp), 823
Classification:
  Reithrodontomys megalotis, 91
  Reithrodontomys montanus, 91
Clethrionomys:
  gapperi, 350, 378, 1288
  glareolus, 1243, 1288
  regulus, 513
  rex, 513
  rufocanus, 513, 1243
  rutilus, 443, 513
Colobus badius, 910
Colorado:
  Myotis lucifugus, 551
  Sciurus aberti, 1327
Communication:
  Meles meles, 570
Community ecology:
  Chiroptera, 644
  Small mammals (9 spp), 880
Competition:
  Chiroptera, 644
  Clethrionomys, 375
  Dicrostonyx groenlandicus, 375
  Lemmus trimucronatus, 375
  Odocoileus virginianus, 1004
  Peromyscus maniculatus, 375
Conepatus mesoleucus, 350
Connochaetes taurinus, 1085
Conservation:
  Cynomys gunnisoni, 1311
  Glossophagini (12 spp), 31
  Mammals, 711
Corynorhinus townsendii, 26, 1182, 1197
Costa Rica:
  Tursiops truncatus, 769
Cratogeomys:
  castanops, 499
  tylorhinus, 180
Cricetulus barabensis, 863
Cryptomys damarensis, 727
Cryptoprocta ferox, 755
Cuba:
  Molossus molossus, 929
Cuon alpinus, 726
Cynomys:
  gunnisoni, 243, 1311
  ludovicianus, 558
Dama dama, 633, 1104, 1141
Damaliscus:
  dorcas, 1102
  lunatus, 1112
Dasypus novemcinctus, 350
Delphinus delphis, 1354
Demography:
  Small mammals (9 spp), 880
Dendrolagus, 908
Dens:
  Lontra longicaudis, 600
Density:
  Clethrionomys gapperi, 1288
  Lama guanicoe, 1158
  Microtus canicaudus, 1243
  Peromyscus leucopus, 400, 1288
Dentition:
  Rattus norvegicus, 734
  Spalax ehrenbergi, 734
Deomys ferrugineus, 252
Dermanura watsoni, 1203
Description:
  Akodon *aliquantulus*, 788
Desmodus rotundus, 71, 558, 1174
Development:
  Thrichomys apereoides, 102
Diaemus youngi, 71
Dicerorhinus sumatrensis, 1155
Diceros bicornis, 1093
Dicrostonyx groenlandicus, 379
Didelphis virginiana, 350
Diet:
  Ailurops ursinus, 905
  Anoura geoffroyi, 683
  Artibeus jamaicensis, 683
  Desmodus rotundus, 71
  Diaemus youngi, 71
  Gerbillus allenbyi, 361
  Gerbillus dasyurus, 361
  Martes pennanti, 961
  Pipistrellus mimus, 60
  Potos flavus, 589
  Sturnira erythromos, 1186
  Sturnira lilium, 683, 1186

Digestion:
Anoura geoffroyi, 683
Artibeus jamaicensis, 683
Sciurus aberti, 1325
Sturnira lilium, 683
Dipodomys, 977
deserti, 1116
merriami, 425, 1116, 1297
ordii, 425, 1297, 1312
spectabilis, 1116, 1299, 1311
Dispersal:
Cynomys gunnisoni, 243
Lepus americanus, 933
Marmota (13 spp), 1
Rupicapra pyrenaica, 620
Rupicapra rupicapra, 620
Social mammals (18 spp), 553
Distribution:
Rodentia (38 spp), 356
Diversity:
Muridae (8 spp), 252
Dremomys rufigenis, 894
Dromiciops gliroides, 881
Echolocation:
Chiroptera, 290, 297
Chiroptera (10 spp), 1196
Chiroptera (17 spp), 11
Chiroptera (20 spp), 24
Molossus molossus, 929
Pteronotus davyi, 924
Vespertilionidae (5 spp), 674
Ecology, 329, 333
Cynomys gunnisoni, 243
Gerbillus allenbyi, 361
Gerbillus dasyurus, 361
Mirounga leonina, 1341
Muridae (8 spp), 252
Myotis septentrionalis, 659
Myotis sodalis, 659
Elaphodus cephalophus, 640
Elaphurus davidianus, 1105
Electrophoresis:
Geomys attwateri, 799
Geomys breviceps, 799
Herpestes javanicus, 170
Liomys pictus, 810
Myotis lucifugus, 545
Peromyscus (5 spp), 530
Peromyscus gossypinus, 833
Spermophilus brunneus, 156
Enchisthenes hartii, 1203
Endangered species:
Mammals, 711
Energetics:
Abrothrix andinus, 205
Arctocephalus philippii, 758
Eothenomys:
andersoni, 513
imaizumii, 513
melanogaster, 513
smithii, 513
Eptesicus:
furinalis, 16
fuscus, 26, 673, 1182, 1197
nilssoni, 1197
Equus:
asinus, 1102
burchellii, 1091, 1141
caballus, 1107, 1141
hemionus, 1108
Erethizon dorsatum, 739, 961, 1084
Euderma maculatum, 25
Eumops perotis, 25
Eutamias:
minimus, 350
quadrivittatus, 350
Feeding:
Tursiops truncatus, 768
Felis concolor, 590
Florida:
Geomys texensis, 181
Food habits:
Martes pennanti, 961
France:
Capra ibex, 1021
Rupicapra pyrenaica, 620
Rupicapra rupicapra, 620
Function:
Geomyidae (11 spp), 180
Galea musteloides, 1257
Gazella:
bennettii, 1106
thomsonii, 1085
Genetics:
Cervus eldii, 640
Elaphodus cephalophus, 640
Muntiacus (9 spp), 640
Social mammals (18 spp), 553
Geomys:
arenarius, 499
attwateri, 499, 799
breviceps, 499, 799
bursarius, 180, 499, 799
knoxjonesi, 499
personatus, 180, 499
pinetis, 180
texensis, 180, 499
Georychus capensis, 727
Geoxus valdivianus, 881
Gerbillus:
allenbyi, 361
dasyurus, 361
Giraffa camelopardalis, 1106
Glaucomys:
sabrinus, 142, 966
volans, 142
Glossophaga:
commissarisi, 33
leachii, 33
morenoi, 33
soricina, 33, 1174
Grampus griseus, 1355
Growth:
Lagenorhynchus obliquidens, 1353
Phocoena phocoena, 1353
Spalacopus cyanus, 210
Growth rates:
Capra ibex, 1021
Ovis aries, 1028
Sigmodon hispidus, 1277

Spalax ehrenbergi, 734
Vulpes macrotis, 972
Gulo:
gulo, 350
luscus, 431
Habitat:
Blarina carolinensis, 461
Canis lupus, 611
Chiroptera (10 spp), 1196
Clethrionomys, 375
Cynomys gunnisoni, 1311
Dicrostonyx groenlandicus, 375
Lemmus trimucronatus, 375
Odocoileus virginianus, 1004
Peromyscus gossypinus, 461
Peromyscus keeni, 866
Peromyscus maniculatus, 375
Pseudalopex culpaeus, 980
Pseudomys higginsi, 232
Rattus lutreolus, 232
Rodentia (11 spp), 891
Rodentia (13 spp), 425
Sciurus niger, 461
Sigmodon hispidus, 461
Sturnira erythromos, 1186
Sturnira lilium, 1186
Sylvilagus floridanus, 940
Tayassu pecari, 993
Tayassu tajacu, 993
Vespertilionidae (5 spp), 674
Hawaii:
Herpestes javanicus, 170
Helogale parvula, 726
Hemitragus jemlahicus, 1112
Herpestes javanicus, 169
Heterocephalus glaber, 720
Heteromys:
desmarestianus, 823
goldmani, 824
nelsoni, 824
oresterus, 824
Hibernation:
Spermophilus citellus, 219
Spermophilus parryii, 430, 1264
Hippocamelus bisulcus, 1018
Hippopotamus amphibius, 739
Histiotus macrotis, 1188
Home range:
Canis lupus, 611
Dipodomys merriami, 1297
Dipodomys ordii, 1297
Microtus canicaudus, 1243
Proechimys guairae, 487
Proechimys semispinosus, 899
Pseudalopex culpaeus, 980
Puma concolor, 986
Sylvilagus floridanus, 940
Homo sapiens, 729
Hormones:
Vulpes vulpes, 1163
Hybomys univittatus, 252
Hybridization:
Blarina brevicauda, 112, 135
Blarina hylophaga, 112, 135
Hydropotes inermis, 1104
Hylobates gabriellae, 892
Hylochoerus meinertzhageni, 1152
Hylomys suillus, 894
Hylomyscus stella, 252
Hylonycteris underwoodi, 33
Hystrix indica, 1116
Idaho:
Odocoileus hemionus, 388
Puma concolor, 388
Spermophilus brunneus, 156
Identification:
Chiroptera, 290, 297
Chiroptera (17 spp), 11
Idionycteris phyllotis, 26
Illinois:
Sylvilagus floridanus, 940
Immunity:
Microtus ochrogaster, 1331
Sigmodon hispidus, 1331
India:
Pipistrellus mimus, 60
Indonesia:
Ailurops ursinus, 905
Babyrousa babyrussa, 1147
Irenomys tarsalis, 881
Israel:
Canis lupus, 611
Gerbillus allenbyi, 361
Gerbillus dasyurus, 361
Rousettus aegyptiacus, 54
Spalax ehrenbergi, 735
Italy:
Dama dama, 633
Jalisco:
Cratogeomys tylorhinus, 181
Liomys irroratus, 824
Liomys pictus, 810, 824
Liomys spectabilis, 824
Pappogeomys bulleri, 181
Kansas:
Microtus ochrogaster, 1332
Peromyscus leucopus, 525
Reithrodontomys megalotis, 92
Reithrodontomys montanus, 92
Sigmodon hispidus, 1277, 1332
Kenya:
Heterocephalus glaber, 721
Kerguelen Islands:
Ovis aries, 1029
Kobus:
ellipsiprymnus, 1112
kob, 1141
vardonii, 1110
Koopmania concolor, 1203
Lactation:
Arctocephalus philippii, 758
Rousettus aegyptiacus, 53
Lagenorhynchus:
obliquidens, 1353
obscurus, 768
Lagurus lagurus, 863
Lama guanicoe, 1091, 1158
Laos:
Muntiacus rooseveltorum, 639
Lasionycteris noctivagans, 15, 26, 673, 1197

Lasiurus:
blossevillii, 16, 26, 1188
borealis, 16, 1182
cinereus, 15, 26, 673, 1197
ega, 16
Lemmus trimucronatus, 379
Lenoxus apicalis, 356
Leptonychotes weddellii, 82
Leptonycteris:
curasoae, 33, 1180
nivalis, 33
Lepus:
alleni, 350
americanus, 350, 933, 961, 1116
californicus, 973
timidus, 937
Lichonycteris obscura, 33
Life history:
Alces alces, 1070
Artiodactyla (6 spp), 1114
Peromyscus leucopus, 1232
Ungulates, 1067, 1130
Ungulates (80 spp), 1080
Liomys:
adspersus, 830
irroratus, 823
pictus, 810, 823
salvini, 830
spectabilis, 823
Lipotes vexillifer, 782
Litter size:
Heterocephalus glaber, 720
Lobodon carcinophagus, 764
Lonchophylla thomasi, 1203
Lontra longicaudis, 600
Lophuromys flavopunctatus, 252
Louisiana:
Glaucomys volans, 146
Loxodonta, 1152
Loxodontomys micropus, 881
Lycaon pictus, 558, 726
Lynx canadensis, 350
Macaca:
fascicularis, 559
fuscata, 559
hecki, 1148
maura, 559
mulatta, 559, 729, 1354
sinica, 559
Macropus:
fuliginosus, 270
giganteus, 270, 910
parryi, 910
robustus, 910
rufogriseus, 270
rufus, 910
Madagascar:
Microcebus murinus, 749
Madoqua kirkii, 1106
Maine:
Clethrionomys gapperi, 1288
Peromyscus leucopus, 525, 1288
Malacomys longipes, 252
Malaysia:
Petaurista petaurista, 144
Tragulus javanicus, 199
Marmota:
baibacina, 2
bobac, 2
caligata, 2
camtschatica, 3
caudata, 3
flaviventris, 2, 350, 558
himalayana, 3
marmota, 2
menzbieri, 3
monax, 2
olympus, 2
sibirica, 3
vancouverenis, 3
Martes, 966
americana, 350, 1164
caurina, 968
pennanti, 961
Mating system:
Galea musteloides, 1257
Proechimys semispinosus, 899
Maxomys moi, 894
Mazama americana, 1105
Meles meles, 570, 739, 950
Mephitis mephitis, 968
Metabolism:
Nyctophilus geoffroyi, 42
Pyllotis xanthopygus, 742
Mexico:
Glossophagini (12 spp), 32
Peromyscus boylii, 1214
Peromyscus levipes, 1214
Michigan:
Glaucomys sabrinus, 146
Myotis septentrionalis, 660
Myotis sodalis, 660
Microcebus:
murinus, 749
rufus, 754
Microryzomys minutus, 356
Microtus, 966
agrestis, 1244
californicus, 1243
canicaudus, 1243
longicaudus, 350
mexicanus, 350
montanus, 350
ochrogaster, 1244, 1331
pennsylvanicus, 717, 818, 1243, 1336
xanthognathus, 1243
Mimon bennettii, 1174
Miniopterus minor, 1182
Mirounga:
angustirostris, 1141, 1348
leonina, 1341
Mitochondrial DNA:
Blarina brevicauda, 112
Blarina hylophaga, 112
Carolliinae (7 spp), 1202
Clethrionomys (4 spp), 512
Eothenomys (4 spp), 512
Glaucomys sabrinus, 142
Glaucomys volans, 142
Peromyscus boylii, 1214

Peromyscus levipes, 1214
Petaurista petaurista, 142
Molossus:
ater, 15
molossus, 929
sinaloae, 15
Monodon monoceros, 739
Mormoops megalophylla, 1174
Morphology:
Blarina brevicauda, 112
Blarina hylophaga, 112
Geomyidae (11 spp), 180
Sciurus aberti, 1325
Thrichomys apereoides, 102
Morphometrics:
Chiroptera, 644
Geomyidae (11 spp), 180
Geomys (7 spp), 499
Orcinus orca, 777
Peromyscus boylii, 1214
Peromyscus levipes, 1214
Reithrodontomys megalotis, 91
Reithrodontomys montanus, 91
Thrichomys apereoides, 102
Mortality:
Canis lupus, 611
Moschus chrysogaster, 1105
Movement:
Pseudomys higginsi, 232
Rattus lutreolus, 232
Mungos mungo, 726
Muntiacus:
crinifrons, 640
feae, 640
gongshanensis, 640
muntjak, 640, 1109
putaoensis, 640
reevesi, 640, 1109
rooseveltorum, 639
truongsonensis, 640
vuquangensis, 640
Mus:
caroli, 894
minutoides, 252
musculus, 410, 852
pahari, 895
Musonycteris harrisoni, 33
Mustela, 966
erminea, 350, 431
nigripes, 252, 1312
Myotis:
adversus, 1181
auriculus, 26
californicus, 13, 26, 1197
ciliolabrum, 14, 26
daubentoni, 931
evotis, 26, 1197
grisescens, 717, 1182
keenii, 1197
lucifugus, 545, 673, 765, 1182, 1197
occultus, 26, 545
riparius, 1188
septentrionalis, 659, 673
sodalis, 659, 717
thysanodes, 26
velifer, 765
volans, 26, 1197
yumanensis, 13, 26, 1197
Nasua narica, 350
Natalus stramineus, 1174
Neacomys spinosus, 356
Nebraska:
Blarina brevicauda, 112, 135
Blarina hylophaga, 112, 135
Nectomys squamipes, 356, 472
Neophoca cinerea, 763
Neophocaena phocaenoides, 782
Neotoma:
albigula, 425
cinerea, 350, 966
floridana, 717
micropus, 425
Neotomys ebriosus, 356
Neotropics:
Carolliinae (7 spp), 1202
Neusticomys peruviensis, 356
Nevada:
Chiroptera (20 spp), 25
New Mexico:
Chiroptera (20 spp), 25
Cynomys gunnisoni, 1311
Myotis lucifugus, 551
Peromyscus leucopus, 525
Rodentia (13 spp), 425
New York:
Peromyscus leucopus, 525
New Zealand:
Chalinolobus tuberculatus, 913
Niviventer:
fulvescens, 891
langbianis, 895
Noctilio leporinus, 15, 926
North Carolina:
Glaucomys sabrinus, 146
Nunavut:
Dicrostonyx groenlandicus, 379
Lemmus trimucronatus, 379
Nyctalus noctula, 931
Nyctinomops macrotis, 26
Nyctophilus geoffroyi, 42
Oaxaca:
Peromyscus furvus, 530
Ochotona princeps, 350
Octodon degus, 888
Odobenus rosmarus, 739
Odocoileus:
hemionus, 283, 385, 811, 940, 964, 986, 1006, 1033, 1079, 1091, 1115, 1133
virginianus, 559, 811, 940, 1004, 1091, 1115, 1132
Oecomys:
bicolor, 356
phaeotis, 356
superans, 356
Oenomys hypoxanthus, 252
Ohio:
Peromyscus leucopus, 401
Oklahoma:
Peromyscus leucopus, 525
Oligoryzomys, 356

longicaudatus, 880
Ondatra zibethicus, 728
Onychomys:
arenicola, 1313
leucogaster, 1313
Orcinus orca, 777, 1354
Oreamnos americanus, 1033, 1107
Oregon:
Glaucomys sabrinus, 146
Microtus canicaudus, 1243
Thomomys bulbivorus, 181
Orthogeomys heterodus, 180
Oryx:
beisa, 1109
gazella, 1091
Oryzomys:
argentatus, 717
capito, 356
intermedius, 472
keaysi, 356
levipes, 356
macconnelli, 356
yunganus, 356
Otaria:
byronia, 763
flavescens, 1346
Ourebi ourebi, 1109
Ovibos moschatus, 1109
Ovis:
ammon, 1102
aries, 1028, 1112
canadensis, 283, 1006, 1033, 1111, 1118, 1133
dalli, 1080, 1097
gmelini, 559
nivicola, 1112
orientalis, 1112
Oxymycterus:
inca, 356
paramensis, 356
Pan troglodytes, 1354
Panama:
Proechimys semispinosus, 899
Pteronotus davyi, 924
Panthera:
leo, 1085
onca, 590, 994
tigris, 892
Pantholops hodgsonii, 1103
Papio hamadrayas, 559
Pappogeomys:
bulleri, 180
castanops, 180
Perognathus:
flavescens, 425
flavus, 425, 1313
Peromyscus, 965
angustirostris, 531
attwateri, 1222
aztecus, 351
beatae, 1214
boylii, 351
eremicus, 425
fulvus, 530
gossypinus, 460, 717, 833
hylocetes, 351
keeni, 866
latirostris, 531
leucopus, 400, 425, 522, 728, 866, 1223, 1232, 1251, 1288, 1306, 1311, 1336
levipes, 1214
maniculatus, 350, 378, 425, 728, 867, 1116, 1288, 1306, 1336
mexicanus, 531
polionotus, 717, 811, 1116
simulus, 1222
spicilegus, 351
winkelmanni, 351
zarhynchus, 531
Peropteryx macrotis, 1174
Petaurides volans, 910
Petaurista petaurista, 144
Phacochoerus aethiopicus, 1097, 1152
Phascolarctos cinereus, 1325
Phenacomys intermedius, 350
Phocoena phocoena, 1353
Phocoenoides dalli, 782
Phodopus:
campbelli, 855
sungorus, 855
Photoperiod:
Peromyscus leucopus, 1232
Phyllonycteris aphylla, 1203
Phyllostomus hastatus, 558, 1181
Phyllotis:
darwini, 887
osilae, 356
xanthopygus, 356, 742
Phylogeny:
Carolliinae (7 spp), 1202
Clethrionomys (4 spp), 512
Eothenomys (4 spp), 512
Geomys (7 spp), 499
Phylogeography, 345
Glaucomys sabrinus, 142
Glaucomys volans, 142
Peromyscus (5 spp), 351
Petaurista petaurista, 142
Pinus edulis, 350
Pipistrellus, 926
hesperus, 26
kuhlii, 931
mimus, 60
nanus, 1181
pipistrellus, 931
savii, 931
subflavus, 1182
Pontoporia blainvillei, 1354
Population:
Clethrionomys gapperi, 1288
Lontra longicaudis, 600
Peromyscus leucopus, 1251, 1288
Ungulates, 1130
Population dynamics:
Leptonychotes, 82
Lepus americanus, 933
Peromyscus keeni, 866
Rupicapra pyrenaica, 620
Rupicapra rupicapra, 620
Population ecology:
Liomys pictus, 810

Proechimys guairae, 487
Sigmodontinae (3 spp), 472
Trinomys iheringi, 472
Population genetics:
Herpestes javanicus, 169
Liomys pictus, 810
Peromyscus (5 spp), 530
Peromyscus gossypinus, 833
Peromyscus leucopus, 522
Spermophilus brunneus, 156
Population size:
Meles meles, 950
Potamochoerus:
larvatus, 1153
porcus, 1152
Potos flavus, 589
Praomys jacksoni, 252
Predation:
Alces alces, 1070
Artiodactyla (6 spp), 1114
Canis latrans, 283
Odocoileus hemionus, 283, 385
Ovis canadensis, 283
Puma concolor, 385
Ungulates (80 spp), 1084
Priodontes giganteus, 996
Procapra picticaudata, 1106
Procyon lotor, 969
Proechimys:
guairae, 487
semispinosus, 897, 899
Pseudalopex:
culpaeus, 980
griseus, 984
Pseudois nayaur, 1111
Pseudomys higginsi, 232
Pteronotus:
davyi, 15, 924, 1174
parnellii, 15, 1174
personatus, 15
Puma concolor, 385, 940, 986, 994, 1123
Punomys lemminus, 356
Quebec:
Vulpes vulpes, 1163
Radiotelemetry:
Chalinolobus tuberculatus, 913
Lepus americanus, 933
Proechimys semispinosus, 899
Sylvilagus floridanus, 940
Tayassu pecari, 993
Tayassu tajacu, 993
Rangifer tarandus, 1033, 1072, 1102, 1115, 1133, 1160, 1164
Rattus:
lutreolus, 232
nitidus, 895
norvegicus, 729, 734
osgoodi, 891
rattus, 852
sikkimensis, 895
Redunca:
fulvorufula, 1110
redunca, 1085
Reithrodontomys:
megalotis, 91, 425, 967, 1313
montanus, 91, 1313
raviventris, 716
Reproduction:
Blarina carolinensis, 461
Galea musteloides, 1257
Heterocephalus glaber, 720
Lama guanicoe, 1158
Leptonychotes, 82
Marmota (13 spp), 1
Peromyscus gossypinus, 461
Peromyscus leucopus, 1232, 1251
Sciurus niger, 461
Sigmodon hispidus, 461
Sigmodontinae (3 spp), 472
Spalacopus cyanus, 210
Suncus murinus, 845
Tragulus javanicus, 199
Trinomys iheringi, 472
Rhinoceros unicornis, 1111
Rhinolophus, 927
Rhinophylla:
alethina, 1202
fischerae, 1202
pumilio, 1202
Rhinopoma hardwickei, 931
Rhipidomys couesi, 356
Rhyncholestes raphanurus, 881
Roosts:
Chalinolobus tuberculatus, 913
Rousettus aegyptiacus, 53
Rupicapra:
pyrenaica, 620
rupicapra, 620
Russia:
Phodopus campbelli, 855
Phodopus sungorus, 855
SE Asia:
Muntiacus (9 spp), 640
Saccopteryx bilineata, 15, 558
Saskatchewan:
Vespertilionidae (5 spp), 674
Scapanus latimanus, 966
Scent marking:
Dama dama, 633
Sciurus:
aberti, 350, 1325
carolinensis, 969, 1117, 1325
griseus, 966, 1325
niger, 460, 841, 1325
Seasonality:
Clethrionomys rutilus, 443
Microcebus murinus, 749
Sex ratio:
Ungulates, 1130
Ungulates (80 spp), 1084
Sexual dimorphism:
Capra ibex, 1021
Orcinus orca, 777
Ungulates (80 spp), 1084
Vulpes macrotis, 972
Sigmodon:
fuliviventer, 350
hispidus, 350, 425, 460, 728, 1277, 1331
ochrognathus, 350
Social structure:

Artibeus jamaicensis, 1173
Artiodactyla (6 spp), 1114
Babyrousa babyrussa, 1147
Cynomys gunnisoni, 243
Heterocephalus glaber, 720
Marmota (13 spp), 1
Odocoileus virginianus, 1004
Puma concolor, 986
Social mammals (18 spp), 553
Tayassu pecari, 993
Tayassu tajacu, 993
Sorex, 966
cinereus, 350
monticolus, 350
nanus, 350
palustris, 350
South Carolina:
Blarina carolinensis, 461
Peromyscus gossypinus, 461
Sciurus niger, 461
Sigmodon hispidus, 461
South Dakota:
Peromyscus leucopus, 525
Spalacopus cyanus, 210
Spalax ehrenbergi, 734
Species diversity:
Rodentia (11 spp), 891
Small mammals (9 spp), 880
Spermophilus, 754
beecheyi, 964
beldingi, 1261
brunneus, 156
citellus, 218
elegans, 350
lateralis, 350
parryii, 430, 1264
richardsonii, 558
saturatus, 1274
Spilogale:
gracilis, 968
putorius, 966
Stenella:
coeruleoalba, 1358
longirostris, 768
Stenoderma rufa, 1196
Strigocuscus celebensis, 905
Sturnira:
erythromos, 1186
lilium, 683, 1186, 1203
ludovici, 1193
mordax, 1193
oporaphilum, 1186
Suncus murinus, 845, 894
Suricata suricatta, 726
Survival:
Leptonychotes, 82
Spermophilus citellus, 219
Sus:
barbatus, 1152
celebensis, 1153
philippensis, 1153
salvanius, 1152
scrofa, 892, 1102, 1110, 1152
verrucosus, 1153
Sylvicapra grimmia, 1106
Sylvilagus:
audubonii, 973
floridanus, 811, 940
Syncerus caffer, 1084
Systematics:
Akodon *aliquantulus*, 788
Carolliinae (7 spp), 1202
Peromyscus boylii, 1214
Peromyscus levipes, 1214
Tadarida:
brasiliensis, 16, 26, 765, 932, 1182
midas, 931
Taiwan:
Suncus murinus, 845
Tamias, 964
striatus, 1288
Tamiasciurus:
douglasii, 966
hudsonicus, 350, 965
Tamiops macclellandi, 894
Tapirus terrestris, 994
Taxonomy:
Akodon *aliquantulus*, 788
Myotis lucifugus, 545
Tayassu:
pecari, 993, 1153
tajacu, 350, 993, 1110, 1153
Technique:
Chiroptera (17 spp), 11
Chiroptera (20 spp), 24
Disinfected versus uncontaminated traps, 1336
Estimating population size, 950
Tennessee:
Glaucomys volans, 146
Tenrec ecaudatus, 728
Texas:
Cratogeomys castanops, 499
Geomyidae (5 spp), 181
Geomys (7 spp), 499
Geomys attwateri, 799
Geomys breviceps, 799
Odocoileus virginianus, 1004
Peromyscus leucopus, 525
Thermoregulation:
Abrothrix andinus, 205
Pyllotis xanthopygus, 742
Theropithecus gelada, 559
Thomasomys:
aureus, 356
daphne, 356
gracilis, 356
notatus, 356
oreas, 356
Thomomys:
bottae, 180, 739, 966
bulbivorus, 180
talpoides, 180, 350
townsendii, 806
Thrichomys apereoides, 102
Torpor:
Nyctophilus geoffroyi, 42
Tragelaphus:
angasii, 1109
eurycerus, 1102
oryx, 1106

scriptus, 1102
strepsiceros, 1006, 1091, 1115
Tragulus javanicus, 199
Trap response:
Mus musculus, 410
Small mammals (4 spp), 1336
Trichosurus:
caninus, 905
vulpecula, 905
Trinidad:
Desmodus rotundus, 72
Diaemus youngi, 72
Trinomys iheringi, 472
Tursiops truncatus, 768, 782, 1354
United Kingdom:
Meles meles, 570, 951
United States:
Mammals, 711
Peromyscus gossypinus, 833
Urocyon cinereoargenteus, 976
Uroderma bilobatum, 1203
Ursus:
americanus, 729, 1120
arctos, 1068, 1071
maritimus, 729
Utah:
Chiroptera (20 spp), 25
Glaucomys sabrinus, 146
Vandeleuria oleracea, 895
Venezuela:
Proechimys guairae, 487
Veracruz:
Anoura geoffroyi, 683
Artibeus jamaicensis, 683
Liomys pictus, 824
Peromyscus furvus, 530
Peromyscus mexicanus, 531
Sturnira lilium, 683
Vicugna vicugna, 1141
Vietnam:
Rodentia (11 spp), 891
Virginia:
Peromyscus leucopus, 1232, 1251
Vocalization:
Meles meles, 570
Vulpes, 1087
cana, 976, 984
fulvus, 431
macrotis, 972
velox, 1312
vulpes, 976, 1163
Washington:
Glaucomys sabrinus, 146
Thomomys talpoides, 181
West Virginia:
Glaucomys sabrinus, 146
Glaucomys volans, 146
Wyoming:
Myotis lucifugus, 552
Yucatan:
Artibeus jamaicensis, 1173
Yukon Territory:
Lepus americanus, 934
Zaire:
Muridae (8 spp), 252
Zalophus californianus, 763
Zapus princeps, 350

Reviews

Allen, C., M. Bekoff, and G. Lauder:
Nature's purposes, analyses of function and design in biology, reviewed by J. W. Hermanson, 696
Brown, J. H., and M. V. Lomolino:
Biogeography, 2nd ed., reviewed by J. D. White, 1385
Brown, L. N.:
A guide to the mammals of the southeastern United States, reviewed by C. A. Woods, 309
Danz, H. P.:
Of bison and man: from the annals of a bison yesterday to a refreshing outcome from human involvement with America's most valiant of beasts, reviewed by E. D. Fleharty, 695
Emmons, L. H., and F. Feer:
Neotropical rainforest mammals: a field guide, 2nd ed., reviewed by R. H. Pine, 304
Feldhamer, G. A., L. C. Drickamer, S. H. Vessey, and J. F. Merritt:
Mammalogy: adaptation, diversity, and ecology, reviewed by E. J. Heske, 699
Flannery, T.:
Throwim way leg, reviewed by I. L. Brisbin, Jr., 1389
Harris, G.:
A guide to the birds and mammals of coastal Patagonia, reviewed by D. A. Kelt and M. F. Tognelli, 1375
Jablonski, N. E. (ed.):
The natural history of the doucs and snub-nosed monkeys, reviewed by G. Agoramoorthy, 1378
Kingdon, J.:
The Kingdon field guide to African mammals, reviewed by J. Decher, 692
Malaro, M. C.:
A primer of managing museum collections, 2nd ed., reviewed by S. L. Williams, 1375
Morrison, M. L., B. G. Marcot, and R. W. Mannan:
Wildlife-habitat relationships: concepts and applications, 2nd ed., reviewed by D. A. Kelt, M. Johnson, D. Van Vuren, P. Stapp, V. Bakker, M. Disney, C. Floyd, M. Brooke McEachern, and J. E. Pagel, 1382
Sillero-Zubiri, C., and D. Macdonald (eds.):
Status survey and conservation action plan, the Ethiopian wolf, reviewed by M. J. Hsu and G. Agoramoorthy, 303
Thewissen, J. G. M. (ed.):
The emergence of whales: evolutionary patterns in the origin of Cetacea, reviewed by A. Berta, 1380
Verts, B. J., and L. N. Carraway:

Land mammals of Oregon, reviewed by E. Yensen, 694
Whitaker, J. O., Jr., and W. J. Hamilton, Jr.: Mammals of the eastern United States, reviewed by J. D. Lazell, 1056
Wójcik, J. M., and M. Wolsan (eds.): Evolution of shrews, reviewed by J. F. Merritt, 1053

OBITUARY

Gordon Laidlaw Kirkland, Jr. (1943–1999)
Appreciation by Suzanne B. McLaren, 1365
Barbara Lawrence Schevill (1909–1997)
Appreciation by Maria Rutzmoser, 1048
Vladimir Evgenevich Sokolov (1928–1998)
Appreciation by Vladimir S. Shishkin and Robert S. Hoffmann, 1361
Philip L. Wright (1914–1997)
Appreciation by Kerry R. Foresman, 689